

REMARKS/ARGUMENTS

Claims 5-8 remain in this application. None of the claims have been amended in this response. Claim 7 was objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all the limitations of the base claim and any intervening claims.

Claims 5, 6 and 8 were rejected under 35 U.S.C. §102(e) as being anticipated by *Tiittanen et al.* (US Patent 5,371,481). Applicant traverses this rejection. Favorable reconsideration is respectfully requested.

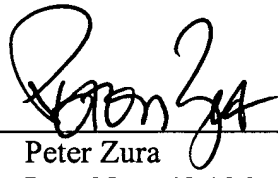
Specifically, *Tiittanen* does not teach or suggest “receiving a portion of the power transmitted from an antenna of the mobile radio terminal at the transmission end of said antenna by a coupling element of the mobile radio terminal; and using the portion of the power transmitted to control the power of the transmit amplifier.” as recited in claim 5, and similarly recited in claim 6.

Tiittanen discloses a known vector modulator (I/Q modulator), where the analog in-phase (I) component signal from filter 20 on lead 34 modulates the I component of the carrier signal on lead 30 at multiplier 36, and the analog quadrature (Q) component signal on lead 38 modulates the Q component of the carrier signal from filter 24 on lead 32 at multiplier 40. The modulated I and Q carrier signals on leads 42 and 44 are combined by a 0 degree power combiner 46 to produce the vector modulated RF output signal that is transmitted via antenna 48 after being passed through a power control unit 50 (col. 2, lines 40-49). The output power of selected frequencies of the RF output signal at antenna 48 are measured by a narrow band power meter 52. The outputs of the narrow band power meter 52 are applied to a measurement processor 54 which calculates a desired corrections to any amplitude and phase errors of the I and Q signals and transmits a correction signal to the I/Q coder 12 to calibrate or tune the modulator system. As is disclosed in col. 5, lines 14-66, the power detector measures the narrowband power that is not being transmitted by the antenna (col. 5, lines 26-29). Regarding the amplitude, the adjustment is made from a predetermined value stored from memory (col. 5, lines 22-23; 39-47), and not from a portion of the power transmitted from the antenna of the mobile radio terminal.

In light of the above, Applicant respectfully submits that claims 5-8 of the present application are both patentable over the art of record, and respectfully requests that a timely Notice of Allowance be issued in this case. If any additional fees are due in connection with this application as a whole, the Examiner is authorized to deduct said fees from Deposit Account No.: 02-1818. If such a deduction is made, please indicate the attorney docket number (0112740-204) on the account statement.

Respectfully submitted,

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